

WORK ORDER 2010-09

Date opened: 1 March 2010

Project: Beams  
Type: Eurocopter AS350/355 SeriesBatch Quantity: 2 Pairs Beams (78633-01-01 RH Aft, 78634-01-00 Fwd)  
Prototypes *APPROVED.*Approval: SH08-16  
Drawing List: DCL786-3

Fabrication and Assembly Drawing(s)	Description
78633, Rev. 0	Aft Beam
78634, Rev. 0	Forward Beam

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y ✓</u>
Document Control List revision level matches (or exceeds) STC:	<u>Y ✓</u>
Drawings revision levels match Document Control List:	<u>Y ✓</u>
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y ✓</u>
Tests and inspections specifically called out on drawings are complete:	<u>Y ✓</u>
Release tags associated with all fabricated parts are attached:	<u>Y ✓</u>
All mounting hardware and supplies are included:	<u>Y ✓</u>

List all non-conformities raised: \_\_\_\_\_

Welder Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inspector Signature: *Jeff Clark* Date: *18 Nov 2010*

Drawing: 78633 Revision 0  
 Assembly: 78633-01-01 RH Aft Beam Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 total	78633-01-01	RH Aft Beam Assembly			
1	78633-02	Tube	304 Stainless Steel, 1 x 2 x 0.065 tube	10027	
4	78633-03	Guide	304 Stainless Steel, 1 x 0.125 bar	10037	
1	78633-04	Upper Guide	304 Stainless Steel, 1 x 2 x 0.125 tube	8098	
4	78633-05	Stop Bracket	304 Stainless Steel, 0.75 x 0.065 sqr. tube	10083	
1	78633-06	Cap	321 Stainless Steel, 0.025 Sheet	3021	
4	78630-04	Bushing	304 Stainless Steel, 0.375 x 0.058 rnd. Tube	9086	
1	82735-03	Tube	316 Stainless Steel, 1.0 x 0.035 rnd. Tube	10083	
1	82735-06	Cap	321 Stainless Steel, 0.050 Sheet	10037	
1	--	Grip Tape	3M Safety-Walk, 1" wide	10025	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Powder Coat	Drawing 78633			ge.
Final Inspection	Drawing 78633			gc.

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

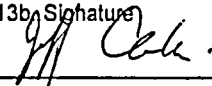
Drawing: 78634 Revision 0  
 Assembly: 78634-01-00 Forward Beam Assembly

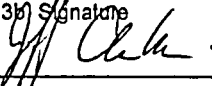
Qty Per	Part #	Description	Material	P.O.W.O.	Checked
2 total	78634-01	Low Beam Assembly			
1	78634-02	Tube	304 Stainless Steel, 1x2x <sup>0.065</sup> <del>0.125</del> tube	10027	
2	78634-03	Pad	321 Stainless Steel, 0.050 Sheet	10037	
1	78634-04	Cap	321 Stainless Steel, 0.025 Sheet	3021	
4	78630-04	Bushing	304 Stainless Steel, 0.375 x 0.058 Tube	9086	
1	69830-07	Block	304 Stainless Steel, 0.25 Sqr. Rod	9011	
2	69830-11	Guide	304 Stainless Steel, 0.75 x 0.065 Tube	10083	
2	69830-21	Stop	6061-T6 Aluminum, 0.625 Rod	10086	
2	69830-22	Knob	6061-T6 Aluminum, 0.75 Rod	10086	
2	69830-23	Spring		9091	
2	#10-32	C'Sunk Screw	Stainless	9053	
2	MS21044C3	Nut		9056	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Powder Coat	Drawing 78634			
Final Inspection	Drawing 78634			


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Tag complete parts / assemblies with Release Tag prior to storage.

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39 <sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice 2010-09	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Forward Beam Ass'y	78634-01-00	1	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.				<input type="checkbox"/> Other regulation specified in block 12		
<input type="checkbox"/> Non approved design data specified in block 12.				Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 15 Apr 2010		14d. Name		14e. Date (dd/mmm/yyyy)
<b>Installer Responsibilities</b>						
This certificate does not constitute authority to install.						
Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.						
Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						

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	Aft Beam Ass'y	78633-01-01	1	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release		
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6. Item	7. Description Forward Beam Ass'y	8. Part Number 78634-01-00	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<del>14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12          Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.</del>		
13b. Signature 		13c. Approved Organization Number AMF 73-04		<del>14b. Signature</del>	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 15 Apr 2010		<del>14c. Approved Organization Number</del>	
<del>13f. Name</del>		<del>13g. Date (dd/mmm/yyyy)</del>		<del>14d. Name</del>	
<del>13h. Date (dd/mmm/yyyy)</del>		<del>13i. Date (dd/mmm/yyyy)</del>		<del>14e. Date (dd/mmm/yyyy)</del>	
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6. Item	7. Description Aft Beam Assy	8. Part Number 78633-01-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<del>14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12          Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.</del>		
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